

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Marcus Jacka et al. Confirmation No.: 6836
Serial No.: 10/518,660
Filed: December 17, 2004
Group Art Unit: 2881
Examiner: David A. Vanore
Title: Secondary Electron Detector, Especially in a Scanning Electron Microscope
Attorney Ref. No.: KANIA-05

Cincinnati, Ohio 45202

October 4, 2006

Mail Stop Amendment
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Sir:

AMENDMENT UNDER 37 CFR § 1.111

In response to the Office Action of July 10, 2006, please amend the above-identified application as follows:

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims that begins on page 7 of this paper.

Amendments to the Drawings begin on page 10 of this paper and include both an attached replacement sheet and an annotated sheet showing changes.

Remarks begin on page 11 of this paper.

An **Appendix** including amended drawing figures is attached following page 13 of this paper.